

NCBI **Entrez** **Protein QUERY** **BLAST** **Entrez** **?****De novo** (borrelia[All Fields] AND pC[All Fields]) **Search** **Create**Docs Per Page: Mod. Date limit: **6 citations found****De novo** ☒ GenPept Report for the articles selected (default all).

- ☐ Q09088
OUTER SURFACE PROTEIN A PRECURSOR
gi|730237|sp|Q09088|OSA6_BORBU [730237]
(View [GenPept Report](#), [FASTA report](#), [ASN.1 report](#), [Graphical view](#), [2 MEDLINE links](#), or [278 protein neighbors](#))
- ☒ Q08137
OUTER SURFACE PROTEIN C PRECURSOR (PC)
gi|3914249|sp|Q08137|OSC2_BORBU [3914249]
(View [GenPept Report](#), [FASTA report](#), [ASN.1 report](#), [Graphical view](#), [2 MEDLINE links](#), or [305 protein neighbors](#))
- ☐ Q07337
OUTER SURFACE PROTEIN C PRECURSOR (PC)
gi|3914248|sp|Q07337|OSC1_BORBU [3914248]
(View [GenPept Report](#), [FASTA report](#), [ASN.1 report](#), [Graphical view](#), [4 MEDLINE links](#), or [305 protein neighbors](#))
- ☒ S20543
membrane-associated protein pC - Lyme disease spirochete
gi|94588|pir|S20543 [94588]
(View [GenPept Report](#), [FASTA report](#), [ASN.1 report](#), [Graphical view](#), [2 MEDLINE links](#), or [305 protein neighbors](#))
- ☒ CAA44093
(X62162) pc [Borrelia burgdorferi]
gi|39393|emb|CAA44093.1| [39393]
(View [GenPept Report](#), [FASTA report](#), [ASN.1 report](#), [Graphical view](#), [1 MEDLINE link](#), [305 protein neighbors](#), or [1 nucleotide link](#))
- ☐ CAA44092
(X62161) outer surface protein a [Borrelia burgdorferi]
gi|39387|emb|CAA44092.1| [39387]
(View [GenPept Report](#), [FASTA report](#), [ASN.1 report](#), [Graphical view](#), [1 MEDLINE link](#), [278 protein neighbors](#), or [1 nucleotide link](#))

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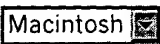
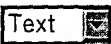
Other Formats: [FASTA](#) [Graphic](#)
 Links: [MEDLINE](#) [Related Sequences](#)

LOCUS OSC2_BORBU 212 aa BCT 15-DEC-1998
 DEFINITION OUTER SURFACE PROTEIN C PRECURSOR (PC).
 ACCESSION Q08137
 PID g3914249
 VERSION Q08137 GI:3914249
 DBSOURCE swissprot: locus OSC2_BORBU, accession Q08137;
 class: standard.
 created: Dec 15, 1998.
 sequence updated: Dec 15, 1998.
 annotation updated: Dec 15, 1998.
 xrefs: gi: 39392, gi: 39393, gi: 313273, gi: 313274
 KEYWORDS OUTER MEMBRANE; LIPOPROTEIN; SIGNAL; PLASMID; ANTIGEN.
 SOURCE Lyme disease spirochete.
 ORGANISM *Borrelia burgdorferi*
 Bacteria; Spirochaetales; Spirochaetaceae; Borrelia; Borrelia
 burgdorferi group.
 REFERENCE 1 (residues 1 to 212)
 AUTHORS Fuchs,R., Jauris,S., Lottspeich,F., Preac-Mursic,V., Wilske,B. and
 Soutschek,E.
 TITLE Molecular analysis and expression of a Borrelia burgdorferi gene
 encoding a 22 kDa protein (pC) in Escherichia coli
 JOURNAL Mol. Microbiol. 6 (4), 503-509 (1992)
 MEDLINE 92219995
 REMARK SEQUENCE FROM N.A., AND PARTIAL SEQUENCE.
 STRAIN=PKO
 REFERENCE 2 (residues 1 to 212)
 AUTHORS Theisen,M., Frederiksen,B., Lebech,A.M., Vuust,J. and Hansen,K.
 TITLE Polymorphism in ospC gene of Borrelia burgdorferi and
 immunoreactivity of OspC protein: implications for taxonomy and for
 use of OspC protein as a diagnostic antigen
 JOURNAL J. Clin. Microbiol. 31 (10), 2570-2576 (1993)
 MEDLINE 94075528
 REMARK SEQUENCE OF 1-205 FROM N.A.
 STRAIN=DK26
 COMMENT

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 collaboration between the Swiss Institute of Bioinformatics and
 the EMBL outstation - the European Bioinformatics Institute.
 The original entry is available from <http://www.expasy.ch/sprot>
 and <http://www.ebi.ac.uk/sprot>

 [FUNCTION] NOT KNOWN; MAJOR IMMUNODOMINANT PROTEIN.
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 Protein 1..212
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121 elkteiakak kcseeftnkl ksghadlgkq datddhakaa ilkthattdk gakefkdlfe
181 svegllkaa q valtnsvkel tspvvaespk kp
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Other Formats: [FASTA](#) [Graphic](#)

Links: [MEDLINE](#) [Related Sequences](#)

LOCUS S20543 212 aa BCT 13-MAR-1997
 DEFINITION membrane-associated protein pC - Lyme disease spirochete.
 ACCESSION [S20543](#)
 PID g94588
 VERSION S20543 GI:94588
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 summary: #length 212 #molecular-weight 22499 #checksum 6351;
 genetic: #gene ospC;
 PIR dates: 13-Jan-1995 #sequence_revision 13-Jan-1995 #text_change
 13-Mar-1997.
 KEYWORDS .
 SOURCE Lyme disease spirochete.
 ORGANISM [Borrelia burgdorferi](#)
 Eubacteria; Spirochaetales; Spirochaetaceae; Borrelia.
 REFERENCE 1 (residues 1 to 212)
 AUTHORS Fuchs,R., Jauris,S., Lottspeich,F., Preac-Mursic,V., Wilske,B. and
 Soutschek,E.
 TITLE Molecular analysis and expression of a Borrelia burgdorferi gene
 encoding a 22 kDa protein (pC) in Escherichia coli
 JOURNAL Mol. Microbiol. 6 (4), 503-509 (1992)
 MEDLINE [92219995](#)
 REFERENCE 2 (residues 1 to 212)
 AUTHORS Theisen,M., Frederiksen,B., Lebech,A.M., Vuust,J. and Hansen,K.
 TITLE Polymorphism in ospC gene of Borrelia burgdorferi and
 immunoreactivity of OspC protein: implications for taxonomy and for
 use of OspC protein as a diagnostic antigen
 JOURNAL J. Clin. Microbiol. 31 (10), 2570-2576 (1993)
 MEDLINE [94075528](#)
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 61 kevetlvlsi delakkaigq kidnnnglaa lnnqngslla gayaistlit eklsklknle
 121 elkteiakak kcseeftnkl ksghadlgkq datddhakaa ilkthattdk gakefkdlfe
 181 svegllkaa valtnsvkel tspvvaespk kp
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Other Formats: **FASTA** **Graphic**

Links: **MEDLINE** **DNA** **Related Sequences**

LOCUS CAA44093 212 aa BCT 06-AUG-1992
 DEFINITION pC.
 ACCESSION [CAA44093](#)
 PID g39393
 VERSION CAA44093.1 GI:39393
 DBSOURCE embl locus BBPCG, accession [X62162.1](#)
 KEYWORDS .
 SOURCE Lyme disease spirochete.
 ORGANISM [Borrelia burgdorferi](#)
 Bacteria; Spirochaetales; Spirochaetaceae; Borrelia; Borrelia
 burgdorferi group.
 REFERENCE 1 (residues 1 to 212)
 AUTHORS Fuchs,R., Jauris,S., Lottspeich,F., Preac-Mursic,V., Wilske,B. and
 Soutschek,E.
 TITLE Molecular analysis and expression of a Borrelia burgdorferi gene
 encoding a 22 kDa protein (pC) in Escherichia coli
 JOURNAL Mol. Microbiol. 6 (4), 503-509 (1992)
 MEDLINE [92219995](#)
 REFERENCE 2 (residues 1 to 212)
 AUTHORS Jauris,S.
 TITLE Direct Submission
 JOURNAL Submitted (11-SEP-1991) S.Jauris, Max von Pettenkofer Institut,
 Pettenkoferstr. 9a, 8000 Munchen 2, Germany
 FEATURES Location/Qualifiers
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 /strain="PKo"
 /db_xref="taxon:139"
 /clone="PC-PstI/PstI"
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 /product="pC"
 sig_peptide 1..18
 mat_peptide 19..212
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 CDS 1..212
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 /coded_by="X62162.1:136..774"
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 121 elkteiakak kcseeftnkl ksghadlgkq datddhakaa ilkthattdk gakefkdlfe
 181 svegllkaa q valtnsvkel tspvvaespk kp
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